

L Number	Hits	Search Text	DB	Time stamp
-	1	("6245189").PN.	USPAT; US-PGPUB	2004/06/16 12:18
-	11	("4208159" "4252595" "4318767" "4405435" "4637853" "4889609" "5044871" "5303671" "5573597" "5587205" "5958510").PN.	USPAT	2003/12/19 12:29
-	1	("5766404").PN.	USPAT; US-PGPUB	2003/12/19 13:34
-	220	156/345.31	USPAT; US-PGPUB	2003/12/19 13:34
-	287	((156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2004/06/15 12:28
-	1	("4889609").PN.	USPAT; US-PGPUB	2003/12/19 15:12
-	6	4889609.URPN.	USPAT	2003/12/19 15:08
-	442	((414/152) or (414/153) or (414/157) or (414/172)).CCLS.	USPAT; US-PGPUB	2003/12/19 15:19
-	954	((414/152) or (414/153) or (414/157) or (414/172)).CCLS.) ((414/939).CCLS.)	USPAT; US-PGPUB	2003/12/19 15:20
-	513	(414/939).CCLS.	USPAT; US-PGPUB	2004/06/15 12:30
-	392	118/719.ccls. and (vertical\$3 with chamber)	USPAT; US-PGPUB	2004/06/15 12:31
-	43	4886592.URPN.	USPAT	2003/12/19 15:29
-	12	("4498832" "4500407" "4592306" "4643629" "4682927" "4701096" "4721427" "4722298" "4775281" "4886412" "4892451" "4917556").PN.	USPAT	2003/12/19 15:33
-	64	4500407.URPN.	USPAT	2003/12/19 15:34
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	17	("4318767" "4550242" "4575299" "4584045" "4705444" "4816116" "5079031" "5116640" "5259942" "5286296" "5288684" "5292393" "5302077" "5310410" "5314298" "5387265" "5515986").PN.	USPAT	2003/12/19 16:07
-	73	4318767.URPN.	USPAT	2003/12/19 16:08
-	11	("4149923" "4201579" "4252595" "4318767" "4412771" "4526643" "4563240" "4657620" "4693777" "4699689" "4715921").PN.	USPAT	2003/12/19 16:09
-	33	4816638.URPN.	USPAT	2003/12/19 16:10
-	12	("4816638" "4825808" "4917556" "5067218" "5186718" "5259881" "5433785" "5509771" "5516732" "5520002" "5620578" "5638687").PN.	USPAT	2003/12/19 16:13
-	11	("4149923" "4201579" "4252595" "4318767" "4412771" "4526643" "4563240" "4657620" "4693777" "4699689" "4715921").PN.	USPAT	2003/12/19 16:15
-	51	4208159.URPN.	USPAT	2003/12/19 17:07
-	5	4418639.URPN.	USPAT	2003/12/19 17:09
-	3	("4190015" "4208159" "4315705").PN.	USPAT	2003/12/19 17:10
-	1827	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2003/12/19 17:14
-	9	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.) and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
-	0	118/718.ccls and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
-	2	118/718.ccls. and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
-	8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434" "5192585" "5266116").PN.	USPAT	2003/12/19 17:16
-	5	5364481.URPN.	USPAT	2003/12/19 17:16
-	8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434" "5192585" "5266116").PN.	USPAT	2003/12/19 17:21
-	5	5364481.URPN.	USPAT	2003/12/19 17:21
-	53	4824309.URPN.	USPAT	2003/12/19 17:39

-	6	("3902615" "4278380" "4405435" "4483651" "4553069" "4619573").PN.	USPAT	2003/12/19 17:42
-	12	5112277.URPN.	USPAT	2003/12/19 17:45
-	3	("4278380" "4724874" "4851018").PN.	USPAT	2003/12/19 17:46
-	5	("5820329" "6000905" "6048154" "6059507" "6152669").PN.	USPAT	2003/12/19 18:01
-	1	("4981408").PN.	USPAT;	2003/12/21 14:25
-	16	4981408.URPN.	US-PGPUB	
-	12	("4498832" "4500407" "4592306" "4643629" "4682927" "4701096" "4721427" "4722298" "4775281" "4886412" "4892451" "4917556").PN.	USPAT	2003/12/21 14:25
-	11	("4208159" "4252595" "4318767" "4405435" "4637853" "4889609" "5044871" "5303671" "5573597" "5587205" "5958510").PN.	USPAT	2003/12/21 14:41
-	51	4208159.URPN.	USPAT	2003/12/21 14:43
-	90806	414/\$.ccls. (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	USPAT;	2003/12/21 15:03
-	510	414/\$.ccls. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	US-PGPUB	
-	323	414/\$.ccls. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	USPAT;	2003/12/22 15:17
-	5	c23c016\$.ipc. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	US-PGPUB	2004/06/14 16:00
-	1341	118/719.ccls.	EPO; JPO; DERWENT	2003/12/21 15:04
-	287	((156/345.31) or (156/345.32)).CCLS.	USPAT;	2003/12/21 18:23
-	0	("15not16").PN.	US-PGPUB	
-	1185	118/719.ccls. not (((156/345.31) or (156/345.32)).CCLS.)	USPAT;	2003/12/21 15:05
-	640	414/\$.ccls. and ((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	US-PGPUB	
-	83	118/719.ccls. and ((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	USPAT;	2003/12/21 15:07
-	0	6245189.URPN.	US-PGPUB	
-	43	4886592.URPN.	USPAT	2003/12/21 15:15
-	2	("4733631" "4808291").PN.	USPAT	2003/12/21 15:25
-	24	4733631.URPN.	USPAT	2003/12/21 15:29
-	19	("4715921" "4733631" "4830700" "4832778" "4906328" "4915777" "5019233" "5076205" "5169478" "5205919" "5281295" "5281320" "5288379" "5292393" "5302209" "5308431" "5330633" "5364219" "5376223").PN.	USPAT	2003/12/21 15:30
-	14	5667592.URPN.	USPAT	2003/12/21 15:32
-	36	5058526.URPN.	USPAT	2003/12/21 15:41
-	4	("4542712" "4640223" "4666734" "4770590").PN.	USPAT	2003/12/21 15:47
-	18	414/\$.ccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device))	USPAT;	2003/12/21 16:09
-	64	414/\$.ccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and (guide rail track)	US-PGPUB	
-	46	(414/\$.ccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and (guide rail track)) not (414/\$.ccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device)))	USPAT;	2003/12/21 15:59
-	22	4355937.URPN.	US-PGPUB	
-			USPAT	2003/12/21 16:00

-	2	("3954191" "3968885").PN.	USPAT	2003/12/21 16:01
-	60	3968885.URPN.	USPAT	2003/12/21 16:02
-	7	(414/\$.ccls. 118/719.ccls.) and ((chamber	USPAT;	2003/12/21 16:11
-	96126	cover lid) near1 (mov\$5 with vertical\$3))	US-PGPUB	
-		(414/\$.ccls. 118/718.ccls.) (vertical\$3	USPAT;	2003/12/21 16:30
-		with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	US-PGPUB	
-	1237	elevat\$3) with (chamber lid cover))		
-		(414/\$.ccls. 118/718.ccls.) and	USPAT;	2003/12/21 16:32
-		(vertical\$3 with (mov\$5 rais\$3 lower\$3	US-PGPUB	
-	570	lift\$3 hoist\$3 elevat\$3) with (chamber lid		
-		cover))		
-		(414/\$.ccls. 118/718.ccls.	USPAT;	2003/12/21 16:34
-		204/298.25.ccls.) and (vertical\$3 with	US-PGPUB	
-		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3		
-		elevat\$3) with (chamber lid cover)) and		
-	891	((rail guide track) with (transfer\$4	USPAT;	2003/12/21 16:37
-		translat\$3 mov\$3))	US-PGPUB	
-		(414/\$.ccls. 118/718.ccls.		
-	429	204/298.25.ccls.) and (vertical\$3 with	USPAT;	2003/12/21 16:40
-		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	US-PGPUB	
-		elevat\$3) with (chamber lid cover)) and		
-		((insert\$3 enter\$3 introduce) and (wafer		
-	1	substrate semiconductor))		
-		("5766404").PN.	USPAT;	2003/12/21 16:48
-	69	(414/\$.ccls. 118/718.ccls.	US-PGPUB	
-		204/298.25.ccls.) and ((vertical\$3 with	USPAT;	2003/12/21 18:04
-		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	US-PGPUB	
-		elevat\$3) with (chamber lid cover)) same		
-	1	((insert\$3 enter\$3 introduce) and (wafer		
-		substrate semiconductor)))		
-		("5773088").PN.	USPAT;	2003/12/21 17:14
-	17	("3114652" "3572286" "3915117"	US-PGPUB	
-		"4301765" "4508049" "4582720"	USPAT	2003/12/21 17:14
-		"4592306" "4593644" "4664062"		
-		"4666734" "4692233" "4763601"		
-		"4946576" "5076205" "5310410"		
-		"5472506" "5512320").PN.		
-	2	5773088.URPN.	USPAT	2003/12/21 17:19
-	36	4226208.URPN.	USPAT	2003/12/21 17:53
-	17	4797054.URPN.	USPAT	2003/12/21 17:55
-	8	("3641973" "3656454" "3874525"	USPAT	2003/12/21 17:56
-		"3915117" "4226208" "4508055"		
-		"4553069" "4632624").PN.		
-	263	(414/217.ccls.) and ((mov\$5 rais\$3 lower\$3	USPAT;	2003/12/21 18:05
-		lift\$3 hoist\$3 elevat\$3) near (chamber lid	US-PGPUB	
-		cover))		
-	3243	((414/217.ccls.) and ((mov\$5 rais\$3	USPAT;	2003/12/21 18:06
-		lower\$3 lift\$3 hoist\$3 elevat\$3) near	US-PGPUB	
-		(chamber lid cover))) npt ((414/\$.ccls.		
-		118/718.ccls. 204/298.25.ccls.) and		
-		((vertical\$3 with (mov\$5 rais\$3 lower\$3		
-		lift\$3 hoist\$3 elevat\$3) with (chamber lid		
-		cover)) same ((insert\$3 enter\$3		
-		introduce) and (wafer substrate		
-	246	semiconductor)))		
-		((414/217.ccls.) and ((mov\$5 rais\$3	USPAT;	2003/12/21 18:06
-		lower\$3 lift\$3 hoist\$3 elevat\$3) near	US-PGPUB	
-		(chamber lid cover))) not ((414/\$.ccls.		
-		118/718.ccls. 204/298.25.ccls.) and		
-		((vertical\$3 with (mov\$5 rais\$3 lower\$3		
-		lift\$3 hoist\$3 elevat\$3) with (chamber lid		
-		cover)) same ((insert\$3 enter\$3		
-		introduce) and (wafer substrate		
-	6	semiconductor)))		
-		4524719.URPN.	USPAT	2003/12/21 18:11

-	6	4524719.URPN.	USPAT	2003/12/21 18:12
-	4	("3293074" "3704987" "3749383" "3951271").PN.	USPAT	2003/12/21 18:12
-	1	118/719.ccls. and "smema"	USPAT;	2003/12/21 18:23
-	42	"smema"	US-PGPUB	
-	45	rigali-louis-a.in. hoffman-david-e.in.	USPAT;	2003/12/21 18:28
-	45	wang-keda.in. smith-william.in.	US-PGPUB	
-	45	118/719.ccls. and (input with (carrier cassette))	USPAT;	2003/12/21 18:29
-	12	118/719.ccls. and (input with (carrier))	US-PGPUB	
-	33	((118/719.ccls. and (input with (carrier cassette))) not (118/719.ccls. and (input with (carrier))))	USPAT;	2003/12/22 15:11
-	1	118/719.ccls. and (input adj (cassette))	US-PGPUB	
-	1827	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.	USPAT;	2003/12/22 15:13
-	17	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.) and (input adj (carrier cassette))	US-PGPUB	
-	129	c23c016\$.ipc. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	USPAT;	2003/12/22 15:13
-	13975	method with "liquid crystal" with (screen display)	EPO; JPO; DERWENT	2003/12/22 15:18
-	3300	method with "liquid crystal" with (screen display) with manufacturing	USPAT;	2003/12/22 18:52
-	1993	(428/901).CCLS.	US-PGPUB	
-	37	4336438.URPN.	USPAT;	2003/12/22 18:53
-	7	("3213997" "3623719" "3812947" "4149923" "4151034" "4208159" "4263088").PN.	USPAT;	2003/12/22 19:07
-	53	4208159.URPN.	US-PGPUB	
-	8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434" "5192585" "5266116").PN.	USPAT	2004/06/14 15:28
-	5	5364481.URPN.	USPAT	2004/06/14 15:33
-	2	5773088.URPN.		
-	17	("3114652" "3572286" "3915117" "4301765" "4508049" "4582720" "4592306" "4593644" "4664062" "4666734" "4692233" "4763601" "4946576" "5076205" "5310410" "5472506" "5512320").PN.	USPAT	2004/06/14 15:35
-	196	414/\$.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with (guide rail track))	USPAT	2004/06/14 15:46
-	13	414/\$.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	USPAT	2004/06/14 15:47
-	618	(chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	USPAT	2004/06/14 15:49
-	73	(substrate wafer workpiece semiconductor) and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	USPAT	2004/06/14 15:50
-	8	(substrate wafer workpiece semiconductor) and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	US-PGPUB	
-	2	118/718.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	EPO; JPO; DERWENT	2004/06/14 16:02
-	8	118/719.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	USPAT;	2004/06/14 16:04
-			US-PGPUB	
-			USPAT;	2004/06/15 12:30
-			US-PGPUB	
-			USPAT;	2004/06/14 16:11
-			US-PGPUB	
-			EPO; JPO; DERWENT	2004/06/14 16:11
-			USPAT;	2004/06/14 16:18
-			US-PGPUB	
-			USPAT;	2004/06/14 16:21
-			US-PGPUB	

-	3	(204/298.25-298.29.ccls. 204/298.35.ccls.) and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (guide rail track))	USPAT; US-PGPUB	2004/06/14 16:17
-	10	118/718.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with (guide rail track))	USPAT; US-PGPUB	2004/06/14 16:18
-	21	118/718.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3)	USPAT; US-PGPUB	2004/06/14 16:21
-	24	("2391970" "3223498" "3541293" "3658585" "3868106" "4040372" "4588660" "4591374" "4920917" "5028250" "5248349" "5368648" "5372646" "5413671" "5470397" "5536333" "5589007" "5614249" "5772715" "5921559" "5938851" "5945163" "6037241" "6236021" "2001/0017294").PN.	USPAT	2004/06/14 16:23
-	159	118/719.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3)	USPAT; US-PGPUB	2004/06/15 12:30
-	12	4607593.URPN.	USPAT	2004/06/14 16:30
-	12	4607593.URPN.	USPAT	2004/06/14 16:31
-	2	("4338883" "4501766").PN.	USPAT	2004/06/14 16:31
-	1217	118/719.ccls. not (156/345.31.ccls. 156/345.32.ccls.)	USPAT; US-PGPUB	2004/06/15 12:30
-	160	118/719.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3)	USPAT; US-PGPUB	2004/06/15 12:31
-	402	118/719.ccls. and (vertical\$3 with chamber)	USPAT; US-PGPUB	2004/06/15 12:32
-	549	(414/939).CCLS.	USPAT; US-PGPUB	2004/06/15 13:03
-	762	((118/719.ccls. not (156/345.31.ccls. 156/345.32.ccls.)) not ((118/719.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3)) (118/719.ccls. and (vertical\$3 with chamber)) ((414/939).CCLS.))	USPAT; US-PGPUB	2004/06/15 13:06
-	5	("3854443" "4870923" "5088444" "5091217" "5139459").PN.	USPAT	2004/06/15 13:40
-	18	5088444.URPN.	USPAT	2004/06/15 13:41
-	12	("3246627" "4468283" "4495889" "4596208" "4683143" "4945856" "4957781" "5002011" "5088444" "5091207" "5151133" "5350453").PN.	USPAT	2004/06/15 13:41
-	27	5534068.URPN.	USPAT	2004/06/15 13:42
-	3	("4268538" "4709655" "4883020").PN.	USPAT	2004/06/15 13:46
-	15	5232508.URPN.	USPAT	2004/06/15 13:46
-	5	("3854443" "4870923" "5088444" "5091217" "5139459").PN.	USPAT	2004/06/15 13:46